

GenCore version 5.1.7  
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OM protein - protein search, using sw model

Run on: March 31, 2006, 10:08:54 ; Search time 114.74 Seconds  
(without alignments)  
1438.400 Million cell updates/sec

Title: US-10-664-356-1562\_COPY\_20\_414

Perfect score: 395  
Sequence: 1 LKPSFSPRYKALSEVOGM.....YSEKIPVFLGKIVNPICK 395

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 1867569 seqs, 417829326 residues

Word size : 15

Total number of hits satisfying chosen parameters: 14

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 500 summaries

Database : Published Applications\_AA\_Main:\*

1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:.\*  
2: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep:.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep:.\*  
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6: /cgn2\_6/ptodata/1/pubpaa/US11\_PUBCOMB.pep:.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	395	100.0	414	3	US-09-755-665-14
2	395	100.0	414	3	US-09-755-665-55
3	395	100.0	414	3	US-09-755-665-56
4	395	100.0	414	4	US-10-168-425-12
5	395	100.0	414	4	US-10-629-248-14
6	395	100.0	414	4	US-10-629-248-55
7	395	100.0	414	4	US-10-629-248-56
8	395	100.0	415	4	US-10-012-542-134
9	395	100.0	415	4	US-10-115-123-134
10	395	100.0	415	4	US-10-800-834-134
11	310	78.5	361	3	US-09-755-665-57
12	310	78.5	361	3	US-10-629-248-57
13	170	43.0	431	4	US-10-276-774-2202
14	129	32.7	140	3	US-09-864-761-48438

#### ALIGNMENTS

RESULT 1  
US-09-755-665-14  
; Sequence 14, Application US/09755665  
; Patent No. US20020107186A1  
; GENERAL INFORMATION:  
; APPLICANT: Prayaga, Sudhirdas K.  
; APPLICANT: Majumder, Kumud  
; APPLICANT: Tailion, Bruce E.

; APPLICANT: Spaderna, Steven K.  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: MacDougall, John  
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 15966-631  
; CURRENT FILING DATE: 2001-08-14  
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724  
; PRIOR FILING DATE: 2000-01-06  
; NUMBER OF SEQ ID NOS: 118  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 14  
; LENGTH: 414  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-755-665-14

Query Match 100.0%; Score 395; DB 3; Length 414;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 395; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKPSFSPRYKALSEVOGMKQMAAKELARQNDLGFKLKLAFFNPGNIFLSPIS 60  
DB 20 LKPSFSPRYKALSEVOGMKQMAAKELARQNDLGFKLKLAFFNPGNIFLSPIS 79  
QY 61 STAFSMTCLGADSTLDEIKGFNFRKPKBKDLHGFFYIIHELTKQTKDLSIGNTLF 120  
DB 80 STAFSMTCLGADSTLDEIKGFNFRKPKBKDLHGFFYIIHELTKQTKDLSIGNTLF 139  
QY 121 IDORLOPORKLEDAKNFYSAETLLTNFONLEMAQOINDEISOKTHSKINLLENIDPG 180  
DB 140 IDORLOPORKLEDAKNFYSAETLLTNFONLEMAQOINDEISOKTHSKINLLENIDPG 199  
QY 181 TWMLANIYFPRARKHEFDNVTKEBDFFLEKSSVQVPMFPGSIGIYQVYDRLCTTI 240  
DB 200 TWMLANIYFPRARKHEFDNVTKEBDFFLEKSSVQVPMFPGSIGIYQVYDRLCTTI 259  
QY 241 LEIPQKNITAFILPDEGKLEKGLQVDTFSRWKTLISRRVVDVSPRLHMTGTFDL 300  
DB 260 LEIPQKNITAFILPDEGKLEKGLQVDTFSRWKTLISRRVVDVSPRLHMTGTFDL 319  
QY 301 KKTLSYIGSVKIFFEHGLTKIAPHRSLKVGAAVHKAELKNDERTGEGAGTGAQTLPME 360  
DB 320 KKTLSYIGSVKIFFEHGLTKIAPHRSLKVGAAVHKAELKNDERTGEGAGTGAQTLPME 379  
QY 361 TPLVVKIDKPYLLLIYSEKIPSVFLGKIVNPICK 395  
DB 380 TPLVVKIDKPYLLLIYSEKIPSVFLGKIVNPICK 414

RESULT 2  
US-09-755-665-55  
; Sequence 55, Application US/09755665  
; Patent No. US20020107186A1  
; GENERAL INFORMATION:  
; APPLICANT: Prayaga, Sudhirdas K.  
; APPLICANT: Majumder, Kumud  
; APPLICANT: Tailion, Bruce E.  
; APPLICANT: Spaderna, Steven K.  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: MacDougall, John  
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 15966-631  
; CURRENT FILING DATE: 2001-08-14  
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724  
; PRIOR FILING DATE: 2000-01-06  
; NUMBER OF SEQ ID NOS: 118  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 55  
; LENGTH: 414  
; TYPE: PRT  
; ORGANISM: Homo sapiens



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0Y 241 LEIPXOKNTAF.FIIPDECKLKHLEKGLQVDFPSRKTLLSRVWVSVPRLMGTGFDL 300
Db 260 LEIPXOKNTAF.FIIPDBSKLKHLEKGLQVDFPSRKTLLSRVWVSVPRLMGTGFDL 319
0Y 301 KKTLSYIGVSKI.FEEHGDJTKJLAPHRS.LKVGAEVHAELKMDRGTEGAAGTQTL.PME 360
Db 320 KKTLSYIGVSKI.FEEHGDJTKJLAPHRS.LKVGAEVHAELKMDRGTEGAAGTQTL.PME 379
0Y 361 TPLVVKIDKPYLLLIYSEKIPSVL.FGKIVNPJGK 395
Db 380 TPLVVKIDKPYLLLIYSEKIPSVL.FGKIVNPJGK 414

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RESULT 5
US-10-629-248-14
: Sequence 14, Application US/10629248
: Publication NO. US20040116671A1
: GENERAL INFORMATION:
: APPLICANT: Prayaga, Sudhithas K.
: APPLICANT: Majumder, Kumud
: APPLICANT: Tailion, Bruce B.
: APPLICANT: Spaderna, Steven K.
: APPLICANT: Spytek, Kimberly A.
: APPLICANT: McDougall, John
: TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: 15966-631
: CURRENT APPLICATION NUMBER: US/10/629,248
: CURRENT FILING DATE: 2003-07-28
: PRIOR APPLICATION NUMBER: US/09/755,665
: PRIOR FILING DATE: 2001-08-14
: PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
: PRIOR FILING DATE: 2000-01-06
: NUMBER OF SEQ ID NOS: 118
: SOFTWARE: Patentin Ver. 2.1
: SEQ ID NO 14
: LENGTH: 414
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-10-629-248-14

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Query Match	100.0%;	Score 395;	DB 4;	Length 414;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 395;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	LLKPSPSRNYKALSEVQOMKORMAKELARONMDLGRLLTKLAFLNPGNITLSPLSI	60
Dh	LLKPSPSRNYKALSEVQOMKORMAKELARONMDLGRLLTKLAFLNPGNITLSPLSI	79
Qy	STAFSMLCIGAODSTLDEIKOGFNFRKPEKEDOLHGGFYIITHELQTKDJKSIGNTLF	120
Dh	STAFSMLCIGAODSTLDEIKOGFNFRKPEKEDOLHGGFYIITHELQTKDJKSIGNTLF	139
Qy	IDORLPORKELEDANPYSAEITLTNPNLEMAOKQINDPISQXTHGKINLIENTDPG	180
Dh	IDORLPORKELEDANPYSAEITLTNPNLEMAOKQINDPISQXTHGKINLIENTDPG	199
Qy	TWNLNLNNTYFPRFRMRHGEEDPNVYTXEEDPFLKNSVYVPMMPFSGIYQVGYDDKLSCTI	244
Dh	TWNLNLNNTYFPRFRMRHGEEDPNVYTXEEDPFLKNSVYVPMMPFSGIYQVGYDDKLSCTI	259
Qy	LEIPYQKNITAIPILPDEGKLHGLEKGLQVDPFSSBMKTLISRRVVDVSVPRLNHTGTFFDL	300
Dh	LEIPYQKNITAIPILPDEGKLHGLEKGLQVDPFSSBMKTLISRRVVDVSVPRLNHTGTFFDL	319
Qy	KKTLSYIGVSKIPFEEHGDLTKLAIPHRSLKVGSAVHKAELKMDERGTBGAAGTQTLPME	366
Dh	KKTLSYIGVSKIPFEEHGDLTKLAIPHRSLKVGSAVHKAELKMDERGTBGAAGTQTLPME	379
Qy	TPLVWKIDKPYLLIYSEKIPSYLPLGKIVNIGIK	395
Dh	TPLVWKIDKPYLLIYSEKIPSYLPLGKIVNIGIK	414

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RESULT 6
US-10-629-248-55
; Sequence 55, Application US/10629248
; Publication No. US20040116671A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderma, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/10/629,248
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/755,665
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 414
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-629-248-55

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Query Match	100.0%	Score 395;	DB 4;	Length 414;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches 395;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	ILKPSSPNNYALSEVOGKORMAAKELAAQNDLGFKLKCLAFPNGNIFPLASLI	60
Db	ILKPSSPNNYALSEVOGKORMAAKELAAQNDLGFKLKCLAFPNGNIFPLASLI	79
Qy	STAFSMLCIAGDSTLDEIKOGFNRRKPEKDLHEGFYIILHETOKYODLKSLGNTLF	120
Db	STAFSMLCIAGDSTLDEIKOGFNRRKPEKDLHEGFYIILHETOKYODLKSLGNTLF	139
Qy	IDORLOPORKFLEDAKNFYSAETIITNFOINBMAOKOINDPISQTHGKINMLIENTDPG	180
Db	IDORLOPORKFLEDAKNFYSAETIITNFOINBMAOKOINDPISQTHGKINMLIENTDPG	199
Qy	TWMLLANYIFEPBARMKHEPDPVYTEEDPFLKXSSVYVPMPFSGIYOVGYDDKSLCTI	240
Db	TWMLLANYIFEPBARMKHEPDPVYTEEDPFLKXSSVYVPMPFSGIYOVGYDDKSLCTI	259
Qy	LIEPYOKNITAFILPDEBGLGHELEKGQVDTFSRMTILSRVADVSVPLRMTGTFFDL	300
Db	LIEPYOKNITAFILPDEBGLGHELEKGQVDTFSRMTILSRVADVSVPLRMTGTFFDL	319
Qy	KKTLSITGVSKIPEEHGDLTKIAPHRSLKVEGAVHKAEKMDERGTGAAGTGQTLPMK	360
Db	KKTLSITGVSKIPEEHGDLTKIAPHRSLKVEGAVHKAEKMDERGTGAAGTGQTLPMK	379
Qy	TPLVVKIDKPYLLIYSEKIPSVFLGKIVNPICK	395
Db	TPLVVKIDKPYLLIYSEKIPSVFLGKIVNPICK	414

RESULT 7  
 US-10-629-248-56  
 ; Sequence 56, Application US/10629248  
 ; Publication No. US2004011667A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Prayaga, Sudhirdae K.  
 ; APPLICANT: Majumder, Kunud  
 ; APPLICANT: Tailon, Bruce R.  
 ; APPLICANT: Spaderna, Steven K.  
 ; APPLICANT: Spytek, Kimberly A.  
 ; APPLICANT: MacDougall, John  
 ; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

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; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/10/629,248
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/755,665
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 414
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-629-248-56

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Query Match          100.0%; Score 395; DB 4; Length 414;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 395; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 LKPSFSPNNYKALSEVQGMKQMAKELARQNMMDLGFLLKLLAFYNGRNIFLSPLSI 60
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DB 20 LKPSFSPNNYKALSEVQGMKQMAKELARQNMMDLGFLLKLLAFYNGRNIFLSPLSI 79
    |||||
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    |||||
DB 80 STAFSMLCIGAODSTLDEIKQGFNFRKMPKEDLHEGFHYIIHELTKQTDLKLSTIGTLF 139
    |||||
QY 121 IDQRLQPKRFLEDAKNFYSAETILTNFQNLMAQKQINDFISQTHGKINNLIENIDPG 180
    |||||
DB 140 IDQRLQPKRFLEDAKNFYSAETILTNFQNLMAQKQINDFISQTHGKINNLIENIDPG 199
    |||||
QY 181 TWMLLANYIFFRARMGHEFDPNVTKEEDFLEKNSSVKVPMMFRSGIYGVYDDKLSCTI 240
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DB 200 TWMLLANYIFFRARMGHEFDPNVTKEEDFLEKNSSVKVPMMFRSGIYGVYDDKLSCTI 259
    |||||
QY 241 LEIPYQKNITAFILPDEGKLKLEKGLQVDTFSRKTTLSRRVVDVSPRLHMTGTFDL 300
    |||||
DB 260 LEIPYQKNITAFILPDEGKLKLEKGLQVDTFSRKTTLSRRVVDVSPRLHMTGTFDL 319
    |||||
QY 301 KKTLSYIGVSKLFEEDGDLTKIAPHRSKLVGEAVHKAELKMDERGTGGAAGTGAQTLPM 360
    |||||
DB 320 KKTLSYIGVSKLFEEDGDLTKIAPHRSKLVGEAVHKAELKMDERGTGGAAGTGAQTLPM 379
    |||||
QY 361 TPLVVKIDKPYLLLIYSEKIPSVLFLGKIYNPIGK 395
    |||||
DB 380 TPLVVKIDKPYLLLIYSEKIPSVLFLGKIYNPIGK 414
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# RESULT 8

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; Sequence 134, Application US/10012542
; Publication No. US20030044851A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 94 Human Secreted Proteins
; FILE REFERENCE: P2029P1
; CURRENT APPLICATION NUMBER: US/10/012,542
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/461,325
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,507
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,508
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,509
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,510
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/090,112
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/090,113
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22
; NUMBER OF SEQ ID NOS: 532

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 134
; LENGTH: 415
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (415)
; OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino
; OTHER INFORMATION: acids
US-10-012-542-134

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Query Match          100.0%; Score 395; DB 4; Length 415;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 395; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 LKPSFSPNNYKALSEVQGMKQMAKELARQNMMDLGFLLKLLAFYNGRNIFLSPLSI 60
    |||||
DB 20 LKPSFSPNNYKALSEVQGMKQMAKELARQNMMDLGFLLKLLAFYNGRNIFLSPLSI 79
    |||||
QY 61 STAFSMLCIGAODSTLDEIKQGFNFRKMPKEDLHEGFHYIIHELTKQTDLKLSTIGTLF 120
    |||||
DB 80 STAFSMLCIGAODSTLDEIKQGFNFRKMPKEDLHEGFHYIIHELTKQTDLKLSTIGTLF 139
    |||||
QY 121 IDQRLQPKRFLEDAKNFYSAETILTNFQNLMAQKQINDFISQTHGKINNLIENIDPG 180
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DB 140 IDQRLQPKRFLEDAKNFYSAETILTNFQNLMAQKQINDFISQTHGKINNLIENIDPG 199
    |||||
QY 181 TWMLLANYIFFRARMGHEFDPNVTKEEDFLEKNSSVKVPMMFRSGIYGVYDDKLSCTI 240
    |||||
DB 200 TWMLLANYIFFRARMGHEFDPNVTKEEDFLEKNSSVKVPMMFRSGIYGVYDDKLSCTI 259
    |||||
QY 241 LEIPYQKNITAFILPDEGKLKLEKGLQVDTFSRKTTLSRRVVDVSPRLHMTGTFDL 300
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DB 260 LEIPYQKNITAFILPDEGKLKLEKGLQVDTFSRKTTLSRRVVDVSPRLHMTGTFDL 319
    |||||
QY 301 KKTLSYIGVSKLFEEDGDLTKIAPHRSKLVGEAVHKAELKMDERGTGGAAGTGAQTLPM 360
    |||||
DB 320 KKTLSYIGVSKLFEEDGDLTKIAPHRSKLVGEAVHKAELKMDERGTGGAAGTGAQTLPM 379
    |||||
QY 361 TPLVVKIDKPYLLLIYSEKIPSVLFLGKIYNPIGK 395
    |||||
DB 380 TPLVVKIDKPYLLLIYSEKIPSVLFLGKIYNPIGK 414
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```

# RESULT 9

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; Sequence 134, Application US/10115123
; Publication No. US20030065151A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 94 Human Secreted Proteins
; FILE REFERENCE: P2029G30APID2
; CURRENT APPLICATION NUMBER: US/10/115,123
; CURRENT FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: PCT/US99/13418
; PRIOR FILING DATE: 1999-06-15
; PRIOR APPLICATION NUMBER: 60/089,507
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089,508
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089,509
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089,510
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/090,112
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090,113
; PRIOR FILING DATE: 1998-06-22
; NUMBER OF SEQ ID NOS: 532
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 134
; LENGTH: 415

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TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (415)  
OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids  
US-10-115-123-134

Query Match 100.0%; Score 395; DB 4; Length 415;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 395; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKPSFSPRNKALSEVQGMKQMAKELARQNDLGFLLKCLAFYNGRNIPLSPISI 60  
DB 20 LKPSFSPRNKALSEVQGMKQMAKELARQNDLGFLLKCLAFYNGRNIPLSPISI 79  
QY 61 STAFSMLCLGAQDSTLDEIKQGFNRKMPKDLHGFFHYIHELTKQDCLKLSIGNTLF 120  
DB 80 STAFSMLCLGAQDSTLDEIKQGFNRKMPKDLHGFFHYIHELTKQDCLKLSIGNTLF 139  
QY 121 IDRLQPKRFLBDKKNFYSAETILTNPQNLMAKQKQINDFISQTHGKINNLINIDPG 180  
DB 140 IDRLQPKRFLBDKKNFYSAETILTNPQNLMAKQKQINDFISQTHGKINNLINIDPG 199  
QY 181 TWMLANLIFPRARKHGFDPNVTKEEDPFLEKNSVAVPMFRSGIYQVGDCLKSCTI 240  
DB 200 TWMLANLIFPRARKHGFDPNVTKEEDPFLEKNSVAVPMFRSGIYQVGDCLKSCTI 259  
QY 241 LEIPQKNITAFILPDBGKLNLEKGLQVDTFSRWKTLSSRRVDSVPRILMTGTDL 300  
DB 260 LEIPQKNITAFILPDBGKLNLEKGLQVDTFSRWKTLSSRRVDSVPRILMTGTDL 319  
QY 301 KKTLSYIGSVKIFEEHGLTKIAPRSLKVGSAVKAELKNDERTEGAAGTGLPME 360  
DB 320 KKTLSYIGSVKIFEEHGLTKIAPRSLKVGSAVKAELKNDERTEGAAGTGLPME 379  
QY 361 TPLVVKIDKPYLLIYSEKIPSVLFLGKIIVPIGK 395  
DB 380 TPLVVKIDKPYLLIYSEKIPSVLFLGKIIVPIGK 414

RESULT 10  
US-10-800-834-134  
Sequence 134; Application US/10800834  
Patent No. US20040146930A1  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
TITLE OF INVENTION: 94 Human Secreted Proteins  
FILE REFERENCE: P2029P1D3  
CURRENT APPLICATION NUMBER: US/10/800,834  
CURRENT FILING DATE: 2004-03-16  
PRIOR APPLICATION NUMBER: 10/115,123  
PRIOR FILING DATE: 2002-04-04  
PRIOR APPLICATION NUMBER: 09/461,325  
PRIOR FILING DATE: 1999-12-14  
PRIOR APPLICATION NUMBER: PCT/US99/13418  
PRIOR FILING DATE: 1999-06-15  
PRIOR APPLICATION NUMBER: 60/089,507  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089,508  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089,509  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089,510  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/090,112  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090,113  
PRIOR FILING DATE: 1998-06-22  
NUMBER OF SEQ ID NOS: 532  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 134  
LENGTH: 415

TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (415)  
OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids  
US-10-800-834-134

Query Match 100.0%; Score 395; DB 4; Length 415;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 395; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKPSFSPRNKALSEVQGMKQMAKELARQNDLGFLLKCLAFYNGRNIPLSPISI 60  
DB 20 LKPSFSPRNKALSEVQGMKQMAKELARQNDLGFLLKCLAFYNGRNIPLSPISI 79  
QY 61 STAFSMLCLGAQDSTLDEIKQGFNRKMPKDLHGFFHYIHELTKQDCLKLSIGNTLF 120  
DB 80 STAFSMLCLGAQDSTLDEIKQGFNRKMPKDLHGFFHYIHELTKQDCLKLSIGNTLF 139  
QY 121 IDRLQPKRFLBDKKNFYSAETILTNPQNLMAKQKQINDFISQTHGKINNLINIDPG 180  
DB 140 IDRLQPKRFLBDKKNFYSAETILTNPQNLMAKQKQINDFISQTHGKINNLINIDPG 199  
QY 181 TWMLANLIFPRARKHGFDPNVTKEEDPFLEKNSVAVPMFRSGIYQVGDCLKSCTI 240  
DB 200 TWMLANLIFPRARKHGFDPNVTKEEDPFLEKNSVAVPMFRSGIYQVGDCLKSCTI 259  
QY 241 LEIPQKNITAFILPDBGKLNLEKGLQVDTFSRWKTLSSRRVDSVPRILMTGTDL 300  
DB 260 LEIPQKNITAFILPDBGKLNLEKGLQVDTFSRWKTLSSRRVDSVPRILMTGTDL 319  
QY 301 KKTLSYIGSVKIFEEHGLTKIAPRSLKVGSAVKAELKNDERTEGAAGTGLPME 360  
DB 320 KKTLSYIGSVKIFEEHGLTKIAPRSLKVGSAVKAELKNDERTEGAAGTGLPME 379  
QY 361 TPLVVKIDKPYLLIYSEKIPSVLFLGKIIVPIGK 395  
DB 380 TPLVVKIDKPYLLIYSEKIPSVLFLGKIIVPIGK 414

RESULT 11  
US-09-755-665-57  
Sequence 57; Application US/09755665  
Patent No. US20020107186A1  
GENERAL INFORMATION:  
APPLICANT: Prayaga, Sudhirdas K.  
APPLICANT: Majumder, Kumud  
APPLICANT: Tailion, Bruce E.  
APPLICANT: Spaderna, Steven K.  
APPLICANT: Spytek, Kimberly A.  
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
FILE REFERENCE: 15966-631  
CURRENT APPLICATION NUMBER: US/09/755,665  
CURRENT FILING DATE: 2001-08-14  
PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724  
PRIOR FILING DATE: 2000-01-06  
NUMBER OF SEQ ID NOS: 118  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 57  
LENGTH: 361  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: VARIANT  
LOCATION: (1)-(361)  
OTHER INFORMATION: wherein Xaa is any amino acid as defined in the  
OTHER INFORMATION: specification  
US-09-755-665-57

Query Match 78.5%; Score 310; DB 3; Length 361;  
Best Local Similarity 100.0%; Pred. No. 1.7e-292;

Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 DLGFKLLKLAAPNPGNIFLSPSTASTASMLCLAGQDSTLDBIKQGFNFRKMPKEDLH 94  
DB 1 DLGFKLLKLAAPNPGNIFLSPSTASTASMLCLAGQDSTLDBIKQGFNFRKMPKEDLH 60

QY 95 EGFHYIHELTOQTODKLSIGNTLFIQRLQPKFLEDAKNFYSAETILLTNFQNLMA 154  
DB 61 EGFHYIHELTOQTODKLSIGNTLFIQRLQPKFLEDAKNFYSAETILLTNFQNLMA 120

QY 155 QKQINDFISQKTGKINNLINENIDPGTVMLLANYIFPRARWKHEFDNVTKEEDFLEKN 214  
DB 121 QKQINDFISQKTGKINNLINENIDPGTVMLLANYIFPRARWKHEFDNVTKEEDFLEKN 180

QY 215 SSVKVPMFRSGIYQVGYDDKLSCTILFIPIYQKNITAIIFILPDEGKLKLEKGLQVDTFS 274  
DB 181 SSVKVPMFRSGIYQVGYDDKLSCTILFIPIYQKNITAIIFILPDEGKLKLEKGLQVDTFS 240

QY 275 RKMTLLSRVVDSVPRLHMTGTFDLKKTLSYIGVSKIPEEHGDLTKIAPHRSLLKVGAV 334  
DB 241 RKMTLLSRVVDSVPRLHMTGTFDLKKTLSYIGVSKIPEEHGDLTKIAPHRSLLKVGAV 300

QY 335 HKAEKMDER 344  
DB 301 HKAEKMDER 310

## RESULT 12

US-10-629-248-57  
Sequence 57, Application US/10629248  
Publication No. US2004011671A1  
GENERAL INFORMATION:  
APPLICANT: Prayada, Sudhirdas K.  
APPLICANT: Tallon, Bruce E.  
APPLICANT: Spaderna, Steven K.  
APPLICANT: Spytek, Kimberly A.  
APPLICANT: MacDougall, John  
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
FILE REFERENCE: 15966-631  
CURRENT APPLICATION NUMBER: US/10/629,248  
CURRENT FILING DATE: 2003-07-28  
PRIOR APPLICATION NUMBER: US/09/755,665  
PRIOR FILING DATE: 2001-08-14  
PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724  
PRIOR FILING DATE: 2000-01-06  
NUMBER OF SEQ ID NOS: 118  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 57  
LENGTH: 361  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: VARIANT  
LOCATION: (1)..(361)  
OTHER INFORMATION: wherein Xaa is any amino acid as defined in the  
OTHER INFORMATION: specification  
US-10-629-248-57

Query Match 78.5%; Score 310; DB 4; Length 361;  
Best Local Similarity 100.0%; Pred. No. 1.7e-292;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 DLGFKLLKLAAPNPGNIFLSPSTASTASMLCLAGQDSTLDBIKQGFNFRKMPKEDLH 94  
DB 1 DLGFKLLKLAAPNPGNIFLSPSTASTASMLCLAGQDSTLDBIKQGFNFRKMPKEDLH 60

QY 95 EGFHYIHELTOQTODKLSIGNTLFIQRLQPKFLEDAKNFYSAETILLTNFQNLMA 154  
DB 61 EGFHYIHELTOQTODKLSIGNTLFIQRLQPKFLEDAKNFYSAETILLTNFQNLMA 120

QY 155 QKQINDFISQKTGKINNLINENIDPGTVMLLANYIFPRARWKHEFDNVTKEEDFLEKN 214  
DB 121 QKQINDFISQKTGKINNLINENIDPGTVMLLANYIFPRARWKHEFDNVTKEEDFLEKN 180

DB 121 QKQINDFISQKTGKINNLINENIDPGTVMLLANYIFPRARWKHEFDNVTKEEDFLEKN 180

QY 215 SSVKVPMFRSGIYQVGYDDKLSCTILFIPIYQKNITAIIFILPDEGKLKLEKGLQVDTFS 274  
DB 181 SSVKVPMFRSGIYQVGYDDKLSCTILFIPIYQKNITAIIFILPDEGKLKLEKGLQVDTFS 240

QY 275 RKMTLLSRVVDSVPRLHMTGTFDLKKTLSYIGVSKIPEEHGDLTKIAPHRSLLKVGAV 334  
DB 241 RKMTLLSRVVDSVPRLHMTGTFDLKKTLSYIGVSKIPEEHGDLTKIAPHRSLLKVGAV 300

QY 335 HKAEKMDER 344  
DB 301 HKAEKMDER 310

## RESULT 13

US-10-276-774-2202  
Sequence 2202, Application US/10276774  
Publication No. US20040053245A1  
GENERAL INFORMATION:  
APPLICANT: Hyseq, Inc.  
APPLICANT: Tang, Y. Tom et al  
TITLE OF INVENTION: No. US20040053245A1el Nucleic Acids and Polypeptides  
FILE REFERENCE: 21272-030  
CURRENT APPLICATION NUMBER: US/10/276,774  
CURRENT FILING DATE: 2002-11-18  
PRIOR APPLICATION NUMBER: 2002-11-18  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: 09/560,875  
PRIOR FILING DATE: 2000-02-03  
PRIOR FILING DATE: 2000-02-03  
NUMBER OF SEQ ID NOS: 2700  
SOFTWARE: Custom  
SEQ ID NO 2202  
LENGTH: 431  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-276-774-2202

Query Match 43.0%; Score 170; DB 4; Length 431;  
Best Local Similarity 100.0%; Pred. No. 2.9e-156;  
Matches 170; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 165 KTHGKINNLINENIDPGTVMLLANYIFPRARWKHEFDNVTKEEDFLEKNSSVKVPMFR 224  
DB 201 KTHGKINNLINENIDPGTVMLLANYIFPRARWKHEFDNVTKEEDFLEKNSSVKVPMFR 260

QY 225 SGIYQVGYDDKLSCTILFIPIYQKNITAIIFILPDEGKLKLEKGLQVDTFSRKMTLLSRV 284  
DB 261 SGIYQVGYDDKLSCTILFIPIYQKNITAIIFILPDEGKLKLEKGLQVDTFSRKMTLLSRV 320

QY 285 VDVSVPRLHMTGTFDLKKTLSYIGVSKIPEEHGDLTKIAPHRSLLKVGAV 334  
DB 321 VDVSVPRLHMTGTFDLKKTLSYIGVSKIPEEHGDLTKIAPHRSLLKVGAV 370

## RESULT 14

US-09-864-761-48438  
Sequence 48438, Application US/09864761  
Patent No. US20020048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharon G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aecmlca-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26

;; PRIOR APPLICATION NUMBER: US 09/632,366  
;; PRIOR FILING DATE: 2000-08-03  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 09/608,408  
;; PRIOR FILING DATE: 2000-06-30  
;; PRIOR APPLICATION NUMBER: US 09/774,203  
;; PRIOR FILING DATE: 2001-01-29  
;; NUMBER OF SEQ ID NOS: 49117  
;; SOFTWARE: Annonmax Sequence Listing Engine vers. 1.1  
;; SEQ ID NO 48438  
;; LENGTH: 140  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; OTHER INFORMATION: MAP TO AL132708.1  
;; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1  
;; OTHER INFORMATION: SWISSPROT HIT: P50447, EVALUE 8.00e-28  
;; OTHER INFORMATION: EST\_HUMAN HIT: AV649144.1, EVALUE 3.00e-27  
US-09-864-761-48438

Query Match 32.7%; Score 129; DB 3; Length 140;  
Best Local Similarity 100.0%; Pred. No. 7.7e-117;  
Matches 129; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 64 FSMCLGADSTLDEIKQGFNRKMKPEKDLHSGFYIITHELTKQTDLKLSTGNTLFTDQ 123  
DB 1 FSMCLGADSTLDEIKQGFNRKMKPEKDLHSGFYIITHELTKQTDLKLSTGNTLFTDQ 60  
QY 124 RLQPRKFLBDAKXNYSAETILTNFQNLMAQKQINDFISQTHGKINNLIENIDPGTYM 183  
DB 61 RLQPRKFLBDAKXNYSAETILTNFQNLMAQKQINDFISQTHGKINNLIENIDPGTYM 120  
QY 184 LLANYIFPR 192  
DB 121 LLANYIFPR 129

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OM protein - protein search, using sw model

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746.288 Million cell updates/sec

Title: US-10-664-356-1562\_COPY\_20\_414  
Perfect score: 395  
Sequence: 1 LKPSFSPRNYKALSEVQGM.....YSEKIPSVLFLGKIVNPIGK 395

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 180808 seqs, 30441898 residues

Word size : 15

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 500 summaries

Database : Published Applications AA New:\*

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6:	/SIDS5/prodata/2/pubppaa/US10_NEW_PUB.pep:*
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8:	/SIDS5/prodata/2/pubppaa/US60_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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No matches found

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